

**Electronics Engineering Technology - Network Specialist Certificate**

Datatel Program Code	EETNC.CER
COTC Major Number	003035
CIP Code	15.0303

In Autumn 2012, Central Ohio Technical College will convert from the Quarter system (4 quarters per academic year) to the Semester system (2 Semesters and 1 Summer Session per academic year). Students entering COTC in Summer 2011, Autumn 2011, Winter 2012, Spring 2012, or Summer 2012 will begin their program in Quarters.

COTC makes the following three guarantees to all students who will transition from the quarter system into the semester system:

- 1) No loss of academic progress;
- 2) No delay in time to degree completion/graduation; and
- 3) No increase in total tuition and fees expended for the degree system to the program.

If transitioning from the Quarter to the Semester system, please visit the COTC "Think Semesters" web page

<http://www.cotc.edu/ThinkSemesters/Pages/default.aspx>

regularly for updates and for important additional information.

*Students should meet with their Academic Advisor to map out individual paths to their degree.*

A grade of C (2.00) or better is required for all Electronics Engineering Technology courses listed as prerequisites for advanced courses.

**KEY:** \* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page

\*\* Indicates there will be no equivalent for this course in the Semester system; please see Academic Advisor

NT - Indicates this course fulfills a Non-Technical Course Requirement in this Plan of Study

T - Indicates this course fulfills a Technical Course Requirement in this Plan of Study

The objective of this Certificate is to train a student to install, repair, and to support local area networks. Successful completion of this Certificate program will qualify a student to be employed as a network installer for a computer dealer, staff specialist to support LAN's in industry, or as a systems operator (SYOP) for existing networks. The prerequisite for this Certificate is the successful completion of CMP-1601 Principles of This Certificate will be awarded to individuals who successfully complete the 24 credit hours outlined below. A MINIMUM OF 12 CREDIT HOURS TOWARD THIS CERTIFICATE MUST BE TAKEN AT COTC.

**YEAR 1 2011-2012 (Quarter System)**

Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
<b>QUARTER 1</b>						
EET-3320	Data Communications	4.00	T	AU	Part of ENGRTECH-225	3.00
	Elective	4.00	Elective		See Choices Below	
	<b>Total Credit Hours</b>	<b>8.00</b>				
<b>QUARTER 2</b>						
EET-3306	Local Area Networks	3.00	T	WI	Part of CIT-125	4.00
	Elective	4.00	Elective		See Choices Below	
	<b>Total Credit Hours</b>	<b>7.00</b>				
<b>QUARTER 3</b>						
EET-3326	Local Area Networks - Microsoft	4.00	T	SP	Part of CIT-125	4.00
	Elective	4.00	Elective		See Choices Below	
	<b>Total Credit Hours</b>	<b>8.00</b>				
<b>APPROVED ELECTIVES</b>						
A total of 12 credit hours of Electives are required. Any course from the Electronics Engineering Technology Associate Degree Plan of Study may be used to fulfill this requirement. Courses used for the fulfillment of another Certificate may NOT be used as Electives for this Certificate. An Academic Advisor should be consulted for assistance in selecting Electives. Some suggested Elective course choices are:						
MTH-1226	Trigonometry	5.00	NT Elec	SM,AU,WI,SP	MATH-110	3.00
COM-1535	Composition I	4.00	NT Elec	SM,AU,WI,SP	ENGL-110	3.00
COM-1536	Composition II	4.00	NT Elec	SM,AU,WI,SP	ENGL-111	3.00
EET-3028	Circuits I	4.00	T Elec	SM,AU,WI,SP	ENGRTECH-113	3.00
EET-3029	Circuits II	4.00	T Elec	SM,AU,WI,SP	ENGRTECH-213	3.00
DMD-3839	Web Design and Development I	3.00	T Elec	SM,AU,WI,SP	DMD-120	3.00
Any BMS-Software Applications Course may be used to fulfill this Choice; 3 credit hours maximum credit may be awarded as Elective Credit.						

**The College Reserves the Right to Change Curricula Without Notice.**